

BLOOD TEST INTERPRETATION & CLINICAL REASONING COURSE

4th November 2025

Science Centre, University of Wolverhampton Science Park, Glaisher Drive,
Wolverhampton WV10 9RU



**MIDLANDS
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NETWORK**

INTRODUCTION

We are pleased to invite you to take part in an interactive educational workshop on ***Blood Test Interpretation and Clinical Reasoning***. This session is designed specifically for clinical pharmacists who want to strengthen their confidence and competence in understanding and applying blood test results in day-to-day practice.

The workshop will cover the fundamentals of requesting blood tests, interpreting findings, and effectively presenting results to supervisors. With a strong focus on case-based learning, you will work through realistic clinical scenarios to develop practical decision-making skills while ensuring safe practice within your professional scope. Key topics include when to check for, and how to interpret test results relating to: FBC and haematinics; kidney function and diabetes; liver health, lipids, and vitamin D.

If you would like to register for this event please email Simon at simon@pds-keele.co.uk.

SPEAKER – DR MAIEDHA RAZA

Dr Maiedha Raza is an NHS GP who delivers lectures and workshops in effective communication skills. She has an interest in compassion and empathy and works as a clinical lead at a medical school. She also works as a mentor, academic coach, podcaster and previously worked as a training programme director. She is also currently working as a GP appraiser with NHS England. In 2023 she also won a 'Women of Excellence' award for her work in teaching communication skills.

VENUE & DATE

- Wolverhampton Science Park, Glaisher Drive, Wolverhampton WV10 9RU
- 4th November 2025

SPONSORS

This workshop is sponsored by pharmaceuticals companies (TBC) who have only paid for exhibition stand space at the meeting and therefore will be given the opportunity to discuss their products with attendees. Sponsors will be present with an exhibition stand and the stand will not be in a public space. None of the companies have had any input into the content of the programme, and no involvement in choosing, briefing or paying the speakers.

WEBSITE

<https://www.mppn.org.uk/>

MPPN

PROGRAMME

The day includes practical sessions and will be interactive with opportunities for questions throughout.

- 8:30 am** Registration, coffee and networking
- 9:15 am** Welcome – Bharat Patel, MPPN Chair
- 9:30 am** Introduction / Session 1: FBC & Haematinics – Dr Maiedha Raza
- *Outline aims - reasoning behind requesting tests, interpreting results, and presenting to supervisors*
 - *Emphasis on case-based, practical decision-making & acting within competencies*
 - *Introduction to relevant physiology*
 - *Case examples: Fatigue, breathlessness, pallor*
 - *Reasoning: when to order FBC, iron studies, B12, folate, TFTs*
 - *Interpreting anaemia patterns (microcytic, normocytic, macrocytic)*
 - *Pitfalls and common misinterpretations*
- 11:00 – 11:20 am** Tea & coffee break
- 11:20 am** Session 2: Kidneys & Diabetes – Dr Maiedha Raza
- *Introduction to relevant physiology*
 - *Case examples: CKD vs AKI; diabetes and renal function*
 - *Reasoning: when to check U&Es, eGFR, HbA1c, glucose, urine ACR.*
 - *Interpreting renal function trends vs one-off results*
 - *Linking blood results to clinical management*
- 12:40 – 1:40 pm** Lunch
- 1:40 pm** Session 3: Liver, Lipids & Vitamin D – Dr Maiedha Raza
- *Introduction to relevant physiology*
 - *Case examples: Abnormal LFTs, requests for 'vitamin D tests', fatty liver*
 - *Reasoning: when to check LFTs, Vitamin D, lipids*
 - *Interpreting patterns (hepatocellular, cholestatic)*
 - *Clinical context: acute vs chronic liver derangement, QRISK*
- 3:00 pm** Tea & coffee break
- 3:20 pm** Session 4: Presenting to Supervisors & Communication Skills – Dr Maiedha Raza
- *Case examples: Patient with abnormal results needing escalation, patients requesting inappropriate blood tests*
 - *Framework for presenting: SBAR*
 - *Practice in pairs/small groups: concise verbal handovers*
 - *Tips for framing uncertainty and seeking advice safely*
- 4:00 pm** Feedback and discussion
- 4:15 pm** Workshop close

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